

PRELIMINARY ASSESSMENT

ORIGINAL  
(Red)

Facility Name: Delta Quarries and Disposal Inc., Landfill

Location: Rt. 07027  
Antis & Logan Twps.  
Blair County, Pennsylvania

Person in charge  
of facility: Mr. John P. Niebauer, Jr.

DER Region: 3

General Description of Facility: This site is an active unpermitted municipal waste disposal facility which is scheduled for closure on February 28, 1985. Previously, the site consisted of two separate landfills, the Stotler Landfill and the Parshall-Kruise Landfill. Hazardous substances from local industries were allegedly disposed at the site by the Barefoot's Sanitary Service. No information concerning specific quantities of waste material are available. Groundwater contamination exists in on-site wells, an off-site spring, and residential wells. The major component of groundwater flow appears to be toward the west to the Little Juniata River. Altoona municipal water does not extend to the residences surrounding the landfill property, nor to the town of Pinecroft immediately north of the site.

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SOLID WASTE MANAGEMENT

AR100001



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
	1617

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Delta Quarries and Disposal Inc., Landfill		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER Rt. 07027 N. of Altoona			
03 CITY Altoona	04 STATE PA	05 ZIP CODE 16601	06 COUNTY Blair	07 COUNTY CODE	08 CON DIST
09 COORDINATES LATITUDE 40° 33' 15" 0		LONGITUDE 078° 21' 20" 0		ORIGINAL (Red)	
10 DIRECTIONS TO SITE (Starting from nearest public road) Approximately 1.5 miles North of Altoona of Legislative Rt. 07027.					

III. RESPONSIBLE PARTIES

01 OWNER (If known) John P. Niebauer, Jr.		02 STREET (Business, mailing, residential) R.D. 4, Box 368			
03 CITY Tyrone	04 STATE PA	05 ZIP CODE 16686	06 TELEPHONE NUMBER (800) 222-2159		
07 OPERATOR (If known and different from owner) Same as owner.		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ( )		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input checked="" type="checkbox"/> C.					

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 1/23/85 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION BEGINNING YEAR 1964 ENDING YEAR 1985 <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Hazardous substances including sludges containing barium and strontium, ethyl alcohol, oily wastes, various halogenated compounds and heavy metal sludges.					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION Contamination exists in on-site wells, off-site domestic wells and an off-site spring.					

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input checked="" type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
--	--	--	--

VI. INFORMATION AVAILABLE FROM

01 CONTACT Mark S. Enbeck		02 OF (Agency Organization) Pa. Dept. of Environmental Resources		03 TELEPHONE NUMBER (814) 946-7292	
04 PERSON RESPONSIBLE FOR ASSESSMENT Mark S. Enbeck		05 AGENCY PA DER	06 ORGANIZATION BSWM	07 TELEPHONE NUMBER (814) 946-7292	08 DATE 2/1/85 MONTH DAY YEAR

EPA FORM 2070-12 (7-81)

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SOLID WASTE MANAGEMENT



I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

## 01 PHYSICAL STATES (Check all that apply)

☐ A. SOLID  
☐ B. POWDER, FINES  
☒ C. SLUDGE  
☐ D. OTHER \_\_\_\_\_ (Specify)

☐ E. SLURRY  
☒ F. LIQUID  
☐ G. GAS

## 02 WASTE QUANTITY AT SITE

(Measures of waste quantities)

must be independent?  
unknown

**TONS** 10-22-66 Delivery from Memphis to New York

**CUBIC YARDS** unknown

NO OF DRUGS unknown

## 03 WASTE CHARACTERISTICS (Check all that apply)

### Y. *canis*

**X** A. TOXIC  
**Y** A. CORROSIVE

JJ C. RADIOACTIVE

☒ D PERSISTENT

**Y**

## THE SOLUBLE LIFE INFECTION

G. FLAMMAB

☒ H. IGNITABLE

[illegible]

1.1.1. EXPLOSIVE

( ) K. REACTIVE

11 L INCOMPATIBLE

ITEM NOT APPLICABLE

### III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	Unknown		See attached documentation.
OLW	OILY WASTE	Unknown		See attached documentation.
SOL	SOLVENTS	Unknown		See attached documentation.
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	Unknown		See attached documentation.
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	Unknown		See attached documentation.

#### IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

[illegible]

## V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

## VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis reports.)

Pa. Department of Environmental Resources files. No specific records of waste quantities are available.

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ORIGINAL  
(Red)POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

## PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

## I. IDENTIFICATION

01 STATE 02 SITE NUM

## II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 100  
03 POPULATION POTENTIALLY AFFECTED:02 ☒ OBSERVED (DATE: 10/19/82)☐ POTENTIAL☐ ALLEGED

04 NARRATIVE DESCRIPTION

Groundwater is contaminated with various chlorinated hydrocarbons including 1,1 dichloroethylene; 1,1 dichloroethane; 1,2 dichloroethylene; 1,1,1 trichloroethane trichloroethylene; tetrachloroethylene; chloroethane; and dichloromethane.

01 ☒ B. SURFACE WATER CONTAMINATION 20  
03 POPULATION POTENTIALLY AFFECTED:02 ☒ OBSERVED (DATE: 3/82)☐ POTENTIAL☐ ALLEGED

04 NARRATIVE DESCRIPTION

Leachate from the facility migrated offsite to a nearby pond and killed approximately 50 carp. Contamination exists in a nearby spring.

01 ☐ C. CONTAMINATION OF AIR  
03 POPULATION POTENTIALLY AFFECTED:02 ☐ OBSERVED (DATE: )☐ POTENTIAL☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS 50  
03 POPULATION POTENTIALLY AFFECTED:02 ☒ OBSERVED (DATE: 1/23/85)☐ POTENTIAL☐ ALLEGED

04 NARRATIVE DESCRIPTION

During the past history of the site it has been plagued by numerous fires; the most recent being January 1985. During June, 1979, approximately 14 people were treated in the Emergency room of Altoona Mercy Hospital relative to the effects of open burning emissions.

01 ☐ E. DIRECT CONTACT  
03 POPULATION POTENTIALLY AFFECTED:02 ☐ OBSERVED (DATE: )☐ POTENTIAL☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL 80  
03 AREA POTENTIALLY AFFECTED: (Acres)02 ☐ OBSERVED (DATE: )☐ POTENTIAL☒ ALLEGED

04 NARRATIVE DESCRIPTION

Hazardous waste materials have allegedly been disposed at the site which is an unlined natural renovation landfill.

01 ☒ G. DRINKING WATER CONTAMINATION 100  
03 POPULATION POTENTIALLY AFFECTED:02 ☒ OBSERVED (DATE: 1/19/83)☐ POTENTIAL☐ ALLEGED

04 NARRATIVE DESCRIPTION

Drinking water near the site has been found to contain tetrachloroethylene, 1,1 dichloroethane, 1,2 dichloroethane, trichloroethylene, 1,2 dichloroethylene.

01 ☐ H. WORKER EXPOSURE/INJURY  
03 WORKERS POTENTIALLY AFFECTED:02 ☐ OBSERVED (DATE: )☐ POTENTIAL☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY  
03 POPULATION POTENTIALLY AFFECTED:02 ☐ OBSERVED (DATE: )☐ POTENTIAL☐ ALLEGED

04 NARRATIVE DESCRIPTION

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ORIGINAL  
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POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION  
01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL ☐ ALLEGED

01 ☒ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☒ OBSERVED (DATE: 3/31/82)

☐ POTENTIAL ☐ ALLEGED

Complaint investigation revealed leachate from the Northeast corner of the landfill migrated to a nearby pond killing approximately 50 carp (Cyprinus carpio)

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL ☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL ☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL ☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL ☒ ALLEGED

Barefoot sanitary service allegedly disposed of hazardous materials at this site.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

IV. COMMENTS

Pennsylvania Department of Environmental Resources

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

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SOLID WASTE MANAGEMENT

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FIELD TRIP SUMMARY REPORT

ORIGINAL  
(Red)

This summary should be prepared in conjunction with the Preliminary Assessment Form, (EPA Form T2070-2), so that a proper site rating can be assigned.

Name of Site Delta Quarries and Disposal Inc., Landfill

EPA Case Number \_\_\_\_\_

- I. If site is active, has owner/operator notified EPA in accordance with Section 3010 of RCRA. Yes \_\_\_\_\_ No X

If Yes: a) Note EPA I.D. No. \_\_\_\_\_  
b) Is the site a generator, storer, treater or disposer of hazardous waste? (CIRCLE ONE).

- II. If the answers submitted in Part VI (Hazard Description) of EPA Form T2070-2 or observations warrant a more thorough site investigation/sampling, please attach a sketch map showing those areas of concern. (i.e.: lagoons, leachate seeps, drum storage, monitoring wells, etc.).

- III. Please list site contacts and accompanying inspectors; include name, title and phone numbers. Mr. John P. Niebauer, Jr., owner, 800-222-2159

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- IV. Site observations: (attach a topo map).

A. Population within 1000 ft. of the site is (CHECK ONE)

1. 0-10 people  
2. 10-100 people  
3. greater than 100 people

B. List surrounding land use: (woodlot, agricultural, playground, industrial, etc.)

North: woodlot, residential

South: woodlot, residential

East: residential, open field

West: sewage disposal plant

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## C. Water supply for area. (CHECK ONE)

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1. Surface intakes (locate on attached map)
2. Municipal wells (locate on attached map)
3. Domestic wells:

a. Approximate number within  $\frac{1}{4}$  mile. 15

b. Locate a minimum of 3 wells on attached map and list below:

Property owner	Steve Gilbert	Bertha George	Judith Stotler
	R.D. 1, Box 799	R.D. 1, Box 800	R.D. 1, Box 802
Address	Altoona, PA 16601	Altoona, PA 16601	Altoona, PA 166
Phone No.	(814) 942-2467		
Well Records	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Odor problems	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Taste problems	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

c. If odor or taste problems are reported please elaborate: \_\_\_\_\_

Gilbert well has high iron, manganese and phenols.Stotler well exceeds short term advisory limits for 1,2 dichloroethylen

## D. Are surface or subsurface, (leachate), drainage areas from site apparent?

YES ☒ NO ☐. If yes:

1. Were unusual odors or stains noted? YES ☒ NO ☐
2. Was stressed vegetation noted? YES ☒ NO ☐

a. If yes, please note area on map.

E. Are streams or receiving waters adjacent to site? YES ☐ NO ☒

If yes, list observations: (i.e. change in benthic community, change in plant density/diversity, change in color, siltration, etc.). \_\_\_\_\_

## F. Site topography: (i.e. plateau, Strip mine ravines, etc.). Site is \_\_\_\_\_

located in a hilly area of Ridge and Valley Section of Pennsylvania.

## G. Other observations: (i.e. erosion, located in flood plain etc.). \_\_\_\_\_

Inadequate surface water management of site.RECEIVED  
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AR100007

ORIGINAL  
(Red)

- V. Were photographs taken? YES \_\_\_\_\_ NO X  
If yes: Who has custody of photos? \_\_\_\_\_

Name: \_\_\_\_\_

Agency: \_\_\_\_\_

Phone No: \_\_\_\_\_

- VI. Is a hydrogeological survey for this site attached? YES X NO \_\_\_\_\_  
If no, Section III D of EPA Form T2070-2 must be completed.

- VII. Please attach pertinent copies of reports or data reviewed by inspector;  
(i.e. State monitoring data, consultant reports, etc.).

- VIII. Name of Inspector: Mark S. Embeck

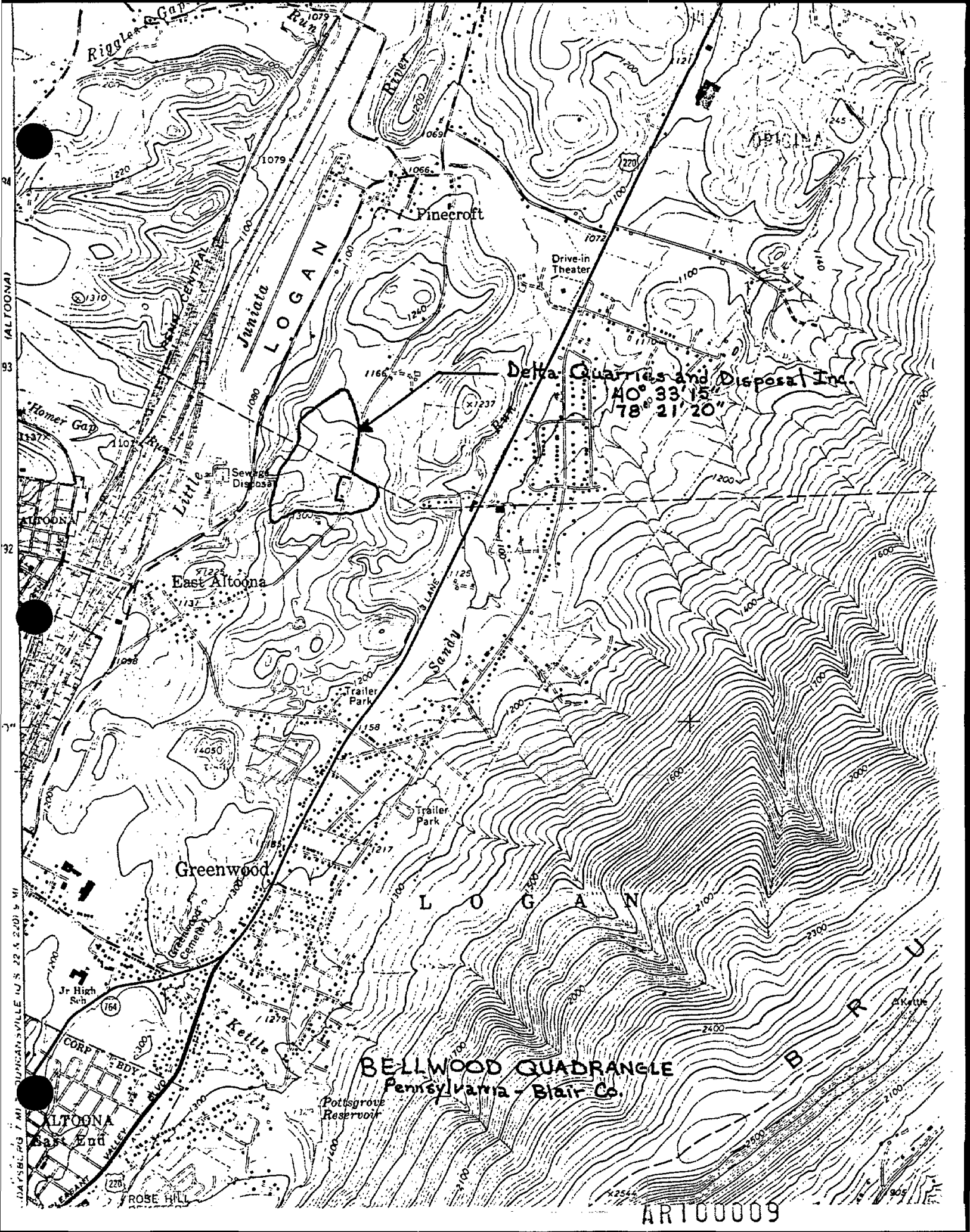
Agency Pa. Dept. of Environmental Resources

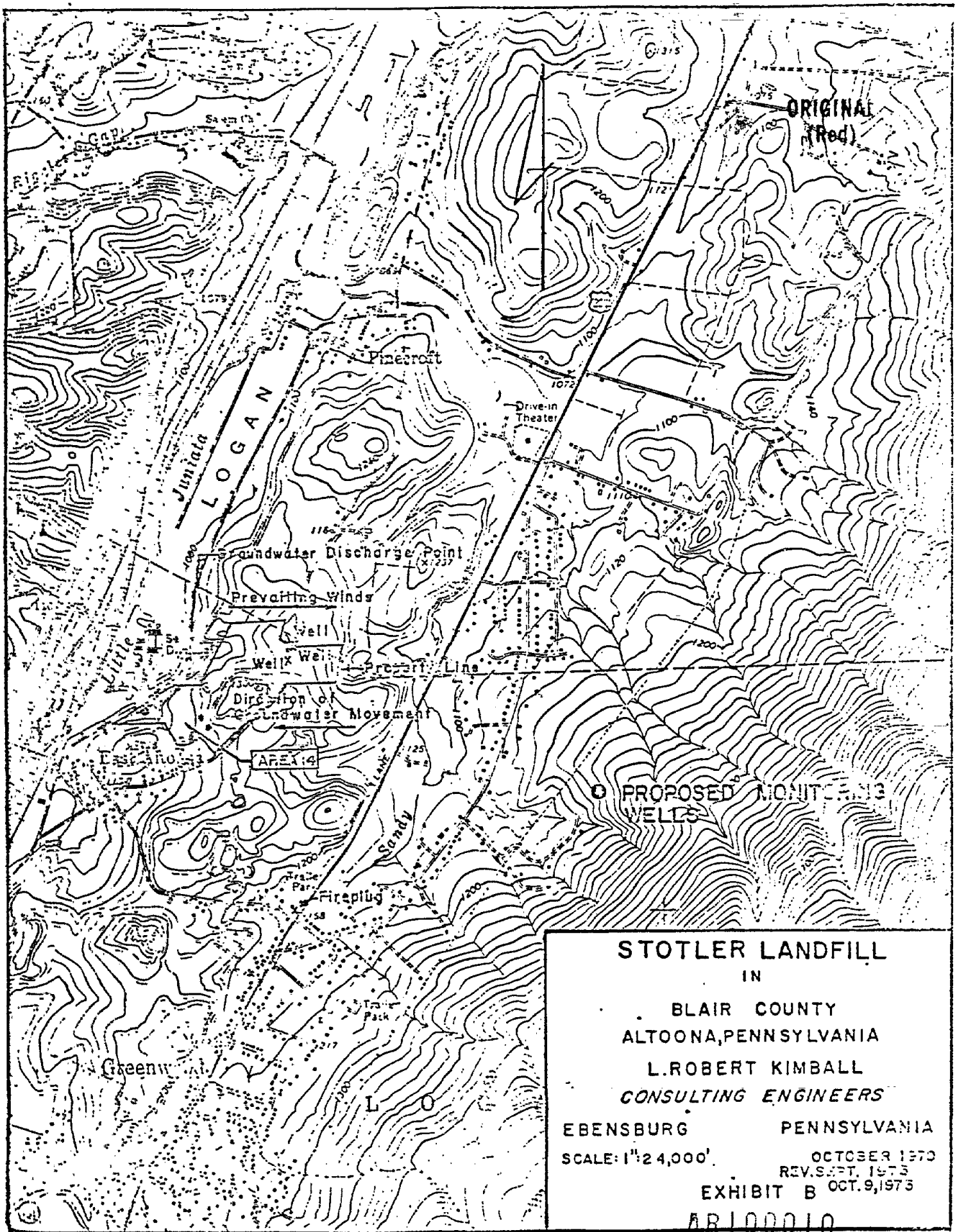
Phone No. 814 - 946-7292

Time on Site: January 23, 1985 9:30 a.m.

Weather Conditions: Snowcover, cold, partly sunny

AR100008





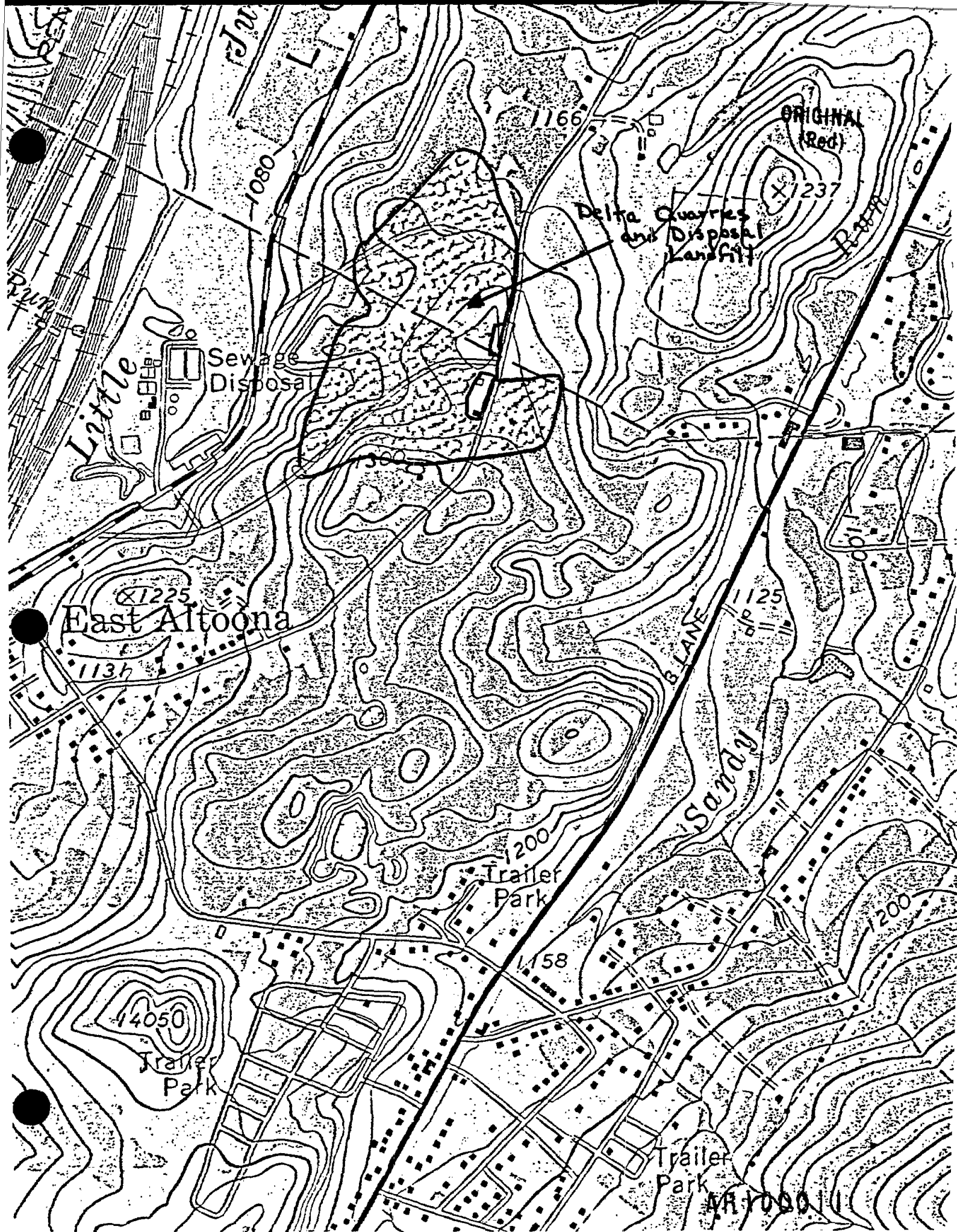
**STOTLER LANDFILL  
IN**

**BLAIR COUNTY  
ALTOONA, PENNSYLVANIA  
L. ROBERT KIMBALL  
CONSULTING ENGINEERS**

**EBENSBURG PENNSYLVANIA  
SCALE: 1"=24,000' OCTOBER 1970  
REV. SEPT. 1973**

**EXHIBIT B OCT. 9, 1973**

**AR100010**



ORIGINAL

Summary of Available VOA Analyses  
for  
Delta Quarries and Disposal, Inc.

On-Site Wells Samples 2/1/83:

<u>WELL</u>	<u>COMPOUND</u>	<u>RESULTS</u> in ug/l
M-2	None detected	
#2	None detected	
MP-2	1,1 dichloroethylene	est. 1
	1,1 dichloroethane	43
	1,2 dichloroethylene	est. > 180
	1,1,1 trichloroethane	est. > 100
	trichloroethylene	est > 130
	tetrachloroethylene	25
M4-79	1,1 dichloroethane	possible trace
M-1	chloroethane	37
	dichloromethane	est. 2
	1,1 dichloroethylene	est. 2
	1,1 dichloroethane	95
	1,2 dichloroethylene	possible trace
	1,1,1 trichloroethane	92
	trichloroethylene	est. 2
	tetrachloroethylene	4

Also detected: chlorodifluoromethane; chlorofluoromethane;  
dichlorofluoromethane, dichlorodifluoromethane;  
trichlorofluoromethane.

AR 100612

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<u>SPRING:</u>	9/30/82	10/19/82	11/15/82	3/27/84
1,1,2 trichlorethane			detected	
1,1,1 trichloroethane	> 0	96	detected	90
trichloroethylene	110	est. > 130	detected	58
tetrachloroethylene	18	20	detected	8.7
1,1 dichloroethylene		est. 2		detected
1,1 dichloroethane		59		est. 120
chloroethane				detected

<u>J. STOTLER RESIDENCE WELL</u>	11/15/82	1/19/83	3/27/84
tetrachlorethylene	trace	trace	< 1.0
1,1 dichloroethane		6	3.7
1,2 dichloroethane		4	
trichloroethylene		2	< 1.0
1,2 dichloroethylene			1.2

<u>G. STOTLER RESIDENCE WELL</u>	11/18/82
	None detected.

<u>CARROCCIOLO STEEL &amp; METAL WELL</u>	11/18/82
Trichloromethane	possible trace

<u>GILBERT RESIDENCE WELL</u>	9/30/82	3/27/84
Tetrachloroethylene	None detected	< 1

<u>STIFFLER RESIDENCE WELL</u>	11/18/82	3/27/84
Tetrachloroethylene	est. 2	1.7
Ethylbenzene		1.3

<u>NALE RESIDENCE WELL</u>	11/18/82	3/27/84
Trichloromethane	None detected	1

AR100013

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GEORGE WELL

10/19/82

3/27/84

None detected

None detected

MCCARTNEY RESIDENCE WELL

3/27/84

Trichloroethylene

< 1

1,1,1 trichloroethane

< 1

JONES RESIDENCE WELL

3/27/84

None detected

OTTO RESIDENCE WELL

3/27/84

None detected

AR100014

## WATER AND WASTEWATER REPORT

SAMPLE NUMBER - 8416155

COLLECTOR - J. ROLZER DEC3

COLLECTOR NO - 1336950

ESTAB - STEVE GILBERT

CASE NAME - DELTA LANDFILL

FACILITY - DRILLED WELL

ID CODE - NONE

WQN STATION NUMBER - 800

SAMPLING DATE - 5/10/84 TIME - 14:23 LAT - 00:00:00.0 LONG - 00:00:00.0

TYPE - 00 SOURCE - 00 STD ANAL - 150 RECEIVED ON - 5/11/84

REPORT REVIEWED BY

DATE - 6/11/84

ORIGINAL  
(Red)

STOREY	DESCRIPTION	RESULT	COND	VERIFY BY	VERIFY DATE	COMM CODE
LABORATORY ANALYSIS :						
00080	CELOS PT-CO	< 5.0000	PT/E	G	HWS	5/11/84
00403	PH LAB	6.3000		G	HWS	5/14/84
00410	T ALK CAC03	24.0000	MG/L	G	HWS	5/14/84
00500	RESIDUE TOT	272.0000	MG/L	G	HWJ	5/14/84
00610	T NH3-N	0.0000	MG/L	G	ICB	5/11/84
00615	T NO2-N	0.0040	MG/L	G	ICB	5/14/84
00620	T NO3-N	0.0400	MG/L	G	ICB	5/14/84
00665	PHOS-T MG/L	0.0100	MG/L	G	BLF	5/13/84
00700	T HARD CAC03	10.0000	MG/L	G	BLF	5/15/84
00740	CHLORIDE	1.0000	MG/L	G	ICB	5/14/84
00945	SO4 TOT	25.0000	MG/L	G	BLF	5/15/84
00951	F,TOTAL	0.1000	MG/L	G	ICB	5/28/84
01002	AS,TOTAL	4.0000	UG/L	G	TJM	5/21/84
01007	SA TOT UG/L	80.0000	UG/L	G	HRD	5/28/84
01027	CO TOT UG/L	0.2000	UG/L	G	TJM	5/15/84
01034	CR TOT UG/L	10.0000	UG/L	G	TJZ	5/24/84
01042	CU TOT UG/L	80.0000	UG/L	G	TJZ	6/05/84
01045	FE TOT	8030.0000	UG/L	G	LBS	6/07/84
01051	PO,TOTAL	6.2000	UG/L	G	TJM	5/15/84
01055	MN TOTAL	100.0000	UG/L	G	TJZ	6/05/84
01092	ZN,TOT UG/L	160.0000	UG/L	G	HRD	6/07/84
01147	SE,T AS UG/L	6.0000	UG/L	G	TJM	5/21/84
32730	PHEMOLS	1.2500	UG/L	G	EVC	5/17/84
82079	TURB	1.7000	NTU	G	LCH	5/14/84

## SAMPLE COMMENTS

NO SAMPLE COMMENTS

TOTAL NUMBER TEST FOR THIS SAMPLE 24

 DER  
 BUREAU OF COMMUNITY  
 ENVIRONMENTAL CONTROL  
 JUL 5 1984

Harrisburg Region

AR100015

# WATER AND WASTEWATER REPORT

SAMPLE NUMBER - 8415157  
 COLLECTOR - J. ROJER CDS  
 ESTAB - STEVE GILBERT  
 CASE NAME - DELTA LANDFILL  
 FACILITY - DRILLED WELL  
 ID CODE - NONE  
 WQH STATION NUMBER - 000  
 SAMPLING DATE - 5/10/84 TIME - 14:12 LAT - 00:00:00.0 LONG - 00:00:00.0  
 COLLECTOR NO - 1338049

ORIGINAL  
 (Red)

TYPE - 00 SOURCE - 00 STD ANAL - 150 RECEIVED ON - 5/11/84  
 REPORT REVIEWED BY DATE - 6/11/84

STORET	DESCRIPTION	RESULT	CONC	VERIFY BY	VERIFY DATE	COMM CODE
LABORATORY ANALYSIS :						
00480	COLOR PT-CO	<	5.0000 PT/C	G	HWS	5/11/84
00483	PH LAP		6.2000	G	HWS	5/14/84
00410	T ALK CAC03		22.0000 MG/L	G	HWS	5/14/84
00500	RESIDUE TOT		225.0000 MG/L	G	HWS	5/14/84
00610	T NH3-N		0.0200 MG/L	G	ICB	5/11/84
00615	T NH3-N		0.0060 MG/L	G	ICB	5/14/84
00620	T NH3-N		0.0500 MG/L	G	ICB	5/14/84
00665	PHOS-T MG/L		0.0100 MG/L	G	BLF	5/18/84
00690	T HARD CAC03		14.0000 MG/L	G	BLF	5/15/84
00694	CHLORIDE		32.0000 MG/L	G	ICB	5/14/84
00745	SO4 TOT	<	25.0000 MG/L	G	BLF	5/15/84
00951	F, TOTAL	<	0.1000 MG/L	G	ICB	5/22/84
01002	AS, TOTAL	<	4.0000 UG/L	G	TJM	5/18/84
01007	BA TOT UG/L		90.0000 UG/L	G	HRD	5/22/84
01027	CD TOT UG/L		0.2700 UG/L	G	TJM	5/15/84
01034	CR TOT UG/L	<	10.0000 UG/L	G	TJZ	5/24/84
01042	CU TOT UG/L	<	80.0000 UG/L	G	TJZ	6/05/84
01045	FE TOT		3980.0000 UG/L	G	LBS	6/07/84
01051	PB, TOTAL	<	4.0000 UG/L	G	TJM	5/15/84
01055	PN TOTAL		550.0000 UG/L	G	TJZ	6/05/84
01092	Z4, TOT UG/L		100.0000 UG/L	G	MRD	6/07/84
01147	SE, T AS UG/L	<	6.0000 UG/L	G	TJM	5/18/84
32730	PHENOLS		1.2500 UG/L	G	EVC	5/17/84
82079	TURB	<	1.0000 NTU	G	LCW	5/15/84

DER  
 BUREAU OF COMMUNITY  
 ENVIRONMENTAL CONTROL  
 JUL 5 1984

Harrisburg Recorder

## SAMPLE COMMENTS

NO SAMPLE COMMENTS

TOTAL NUMBER TEST FOR THIS SAMPLE 24

AR100016

# SKF INDUSTRIES, INC.

ALTOONA DIVISION

BALL AND ROLLER BEARINGS

RECEIVED

March 3, 1978

MAR 6 1978

ENVIRONMENTAL RESOURCES  
LEWISTOWN REGIONAL OFFICE

Mr. Francis J. Bertovich  
Pa. Dept. of Environmental Resources  
21 South Brown Street  
Lewistown, Pennsylvania 17044

Dear Mr. Bertovich:

Following is a January-February Progress Report on the items listed in your letter of November 14, 1977, regarding our Waste Disposal problems:

## Grinding Swarf or Sludge

A Leaching Analysis of our grinding sludge has been completed by Blair Chemical Laboratories and the results forwarded to your office for review. If this sludge, as submitted, is acceptable to the Stotler Landfill we will request funds from our Corporation to install a compactor to process same.

## Waste Oil and Water

We are making progress with our Incinerator System and expect to test fire the trash burning chamber by mid-March.

Our efforts to route our liquid waste to an oil reclamation company through Barefoot Sanitary Service, and Mill Service, Inc. is showing much more promise than in the past. We have made corrections in our Plant systems and have reduced the water content to an acceptable level. I understand Mr. Barefoot has a little more work to do to resolve some contamination problems he encountered in his tank truck and then our liquid waste disposal problem will be resolved.

Mr. Barefoot also advised us that he has discussed with you the need for an additional extension for disposal of this waste at the Stotler Landfill to permit him to correct his tank truck problem, and that this has been approved.

Very truly yours,

SKF INDUSTRIES, INC.

J. S. Szymusiak  
Plant Engineer

JSS:mja

cc: D. R. Fowler  
W. Wilson  
Barefoot Sanitary Service Plant Engineer

1000 LOGAN BOULEVARD, P.O. BOX 1867, ALTOONA, PA. 16603 • TELEPHONE: 814-944-5381

AR100017

# SKF INDUSTRIES, INC.

ALTOONA DIVISION

ROLLING  
BEARINGS

MOTION ENGINEERING

BALL AND ROLLER BEARINGS

ORIGINAL  
(Red)

January 23, 1978

RECEIVED

JAN 30 1978

Mr. Francis J. Bertovich  
Pa. Dept. of Environmental Resources  
21 South Brown Street  
Lewistown, Pennsylvania 17044

ENVIRONMENTAL RESOURCES  
LEWISTOWN REGIONAL OFFICE

Dear Mr. Bertovich:

Following are the results of "Leachate Analyses" by Blair Chemical Laboratories (Analytical & Consulting Chemists, Altoona, Pa.) on drained grinding swarf from our soluble oil system (Esso Kutwell 50), and compacted grinding swarf from our Sultex 310 oil system.

The analyses were conducted per recommended procedure from Mr. Douglas Lorenzen (D.E.R. Harrisburg), using Laboratory Procedure for the "Conduct of a Leachate Analysis", including a pH, Na, K, Cu, Fe, Mn, Cr, Ni, Pb, Cd, Mo, P, S, CN, Phenols & Oil & Grease. Mr. Lorenzen stated that each sample should be divided into two separate samples. One sample to be crushed finely so that it passes a No. 10 mesh sieve and the other sample to be run as received or untreated.

The results of these Leachate Analyses were calculated as designated on Page 2 of the Leachate Procedure. The units are in mg element/g sludge. Elements determined by Atomic Absorption Spectrophotometer. All other determinations by Standard Methods for Water and Wastewater, 14th Edition.

	KUTWELL 50		SULTEX 310	
	#10 Mesh	Untreated	#10 Mesh	Untreated
Sodium (Na)	0.114	0.076	0.0119	0.0111
Potassium (K)	0.0051	0.0026	0.0007	0.0003
pH	6.9	7.0	6.5	6.5
Copper (Cu)	0.0001	0.0001	0.0001	0.0001
Manganese (Mn)	0.0051	0.0053	0.0025	0.0022
Chromium (Cr)	0.0001	0.0001	0.0001	0.0001
Nickel (Ni)	0.0001	0.0001	0.0002	0.0003
Lead (Pb)	0.00006	0.00006	0.0017	0.0010
Cadmium (Cd)	0.00005	0.00005	0.00005	0.00005
Molybdenum (Mo)	0.0001	0.0001	0.0003	0.0006
Phosphorus (P)	0.0023	0.0010	0.0002	0.0003
Sulfide (S)	0.0001	0.0001	0.0008	0.0008
Cyanide (CN)	0.000008	0.000008	0.000008	0.000008
Phenol	0.00056	0.00034	0.0015	0.0005
Iron (Fe)	0.0310	0.0178	0.0090	0.0194
Oil & Grease	0.174	0.137	0.069	0.061
Moisture Content	9.50%	9.50%	0.56%	0.56%

ORIGINAL  
(Red)

Mr. Francis J. Bertovich

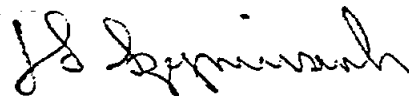
- 2 -

January 23, 1978

Please advise us if this would be acceptable to the Stotler land fill here in our area.

Yours very truly,

BBSF INDUSTRIES, INC.



J. S. Szymusiak  
Plant Engineer  
Ball Bearing Division

JSS:mja

cc: W. Wilson  
P. Mitchell  
File

AR100019

ORIGINAL  
(Red)

ROLLING  
BEARINGS

MOTION ENGINEERING

# SKF INDUSTRIES, INC.

ALTOONA DIVISION

BALL AND ROLLER BEARINGS

December 28, 1977

RECEIVED

DEC 29 1977

Mr. Francis J. Bertovich  
Pa. Dept. of Environmental Resources  
21 South Brown Street  
Lewistown, Penna. 17044

ENVIRONMENTAL RESOURCE  
LEWISTOWN REGIONAL OFFICE

Dear Mr. Bertovich:

Following is a December Progress Report on the items listed in your letter of November 14, 1977 regarding our waste disposal problems:

## Grinding Swarf or Sludge

Samples of "Dry Bricks" (our grinding sludge with the oil pressed out), have been received from Henry Filters, Inc., and have been turned over to Blair Chemical Laboratories for a Leaching Analysis. Samples have also been sent to Mr. Doug Lorenzen, at your Soils Laboratory in Harrisburg, Pa., to help identify the specific leaching analysis that is required. We are now awaiting the results of the analysis.

## Waste Oil and Water

Work is continuing on the incinerator system. In spite of the weather the outdoor tank has been mounted on concrete pads, the filter unit has been put in position, and the lights and sprinklers are being installed in the incinerator room.

Our interim efforts to route our liquid waste to an oil reclamation company, thru Mill Service, Inc., received a temporary set back. The first two loads turned out to be 50% and 90% water as compared to a previous 70% oil and 30% water. Our investigation disclosed that significant quantities of surface and underground water was getting into the storage tank. We are currently completing corrective

AR100020

ORIGINAL  
(Red)

Mr. Francis J. Bertovich

- 2 -

December 28, 1977

action on this condition and within the next several weeks will re-submit a sample load to the oil reclamation company.

We are, therefore, requesting that we be granted an additional 30 day extension for disposal of this waste at the Stotler landfill.

Very truly yours,

ES&F INDUSTRIES, INC.

*W. Wilson*  
W. Wilson

Engineering Manager

WW/gh

cc: D. R. Fowler  
Barefoot Sanitary Service  
File

AR100021

ORIGINAL  
(Red)

December 9, 1977

RECEIVED

DEC 12 1977

Mr. Doug Lorenzen  
Soils Laboratory  
3rd & Riley Street  
Harrisburg, Pa. 17120

ENVIRONMENTAL RESOURCES  
LEWIS & CLARK REGIONAL OFFICE

Dear Sir:

This is in answer to your phone call of 12/7 in which you requested a detailed breakdown of the steel and grinding wheels used in our Plant which produces the swarf we must get rid of.

The steel is an electric furnace alloy steel AISI or SAE No. 52100. Chemical analysis is as follows:

1.30-1.60 % Chrome	.25 Max % Nickel
.93-1.10 % Copper	.03 Max % Molybdenum
.25-.45 % Manganese	.025 Max % Phosphorus
.20-.35 % Silicon	.025 Max % Sulphur

The grinding wheel companies are hesitant to give out any of their trade secrets, especially amounts or percentages; so the following is the best I could come up with.

Wheels are made with Aluminum Oxide (refined Bauxite Ore) which is a standard abrasive. The bond used is "Vitrified" which is considered "glass like" and is made up of ceramic materials such as clay or feldspar. Some wheels are dipped in sulphur as a lubricating treatment.

I hope this information will be helpful in obtaining the leaching analysis of our swarf.

Sincerely,

ELMER INDUSTRIES, INC.

*Paul E. Mitchell*  
Paul E. Mitchell

PEH/ga

cc: ✓ Francis J. Bertovich  
W. Wilson  
File

AR100022

ORIGINAL  
(Red)

ROLLING  
BEARINGS

MOTION ENGINEERING

# SKF INDUSTRIES, INC.

ALTOONA DIVISION

BALL AND ROLLER BEARINGS

November 22, 1977

Mr. Francis J. Bertovich  
Pa. Dept. of Environmental Resources  
21 South Brown Street  
Lewistown, Penna. 17044

Dear Mr. Bertovich:

Following is a progress report on the items listed in your letter of November 14, 1977 regarding our waste disposal problems:

## GRINDING SWarf OR SLUDGE

Henry Filters, Inc., Bowling Green, Ohio, manufactures an oil reclamation system which receives wet grinding swarf, or sludge, and produces dry sludge "bricks" and salvaged oil. We have sent samples of our grinding swarf to Henry for processing through their demonstrator machine. When we receive the "dry bricks" from Henry, we will have them subjected to a leaching analysis per your letter.

In the meantime we have requested a quote for this system, from Henry Filters, Inc., and are preparing a cost/savings analysis for submission to our Corporate Offices, along with a request for funds, if the "dry bricks" prove to be acceptable for disposition in the Stotler landfill.

## WASTE OIL AND WATER

Our waste liquid is approximately 70% oil and 30% water. We have installed an incinerator to burn this liquid but have been quite unsuccessful to date. We are currently making changes to the oil supply/feed system in an effort to resolve these problems. Recent wet weather, however, has delayed these modifications.

In the meantime we are working with Mill Service, Inc. in an effort to route the waste oil/water through them to an oil reclamation company, to reduce the potentially exorbitant disposal costs. This is not completely resolved but it does offer some possibility.

In view of the above it is requested that we be granted a thirty (30) day extension for disposal of this waste at the Stotler landfill. It is felt

ORIGINAL  
(Red)

Mr. Francis J. Bertovich

- 2 -

November 22, 1977

that this extension will enable us to take action, one way or the other, with our liquid waste, and will enable us to jointly arrive at some definite conclusions regarding the grinding swarf, or sludge.

Very truly yours,

BESEF INDUSTRIES, INC.

*W. Wilson*  
W. Wilson

Engineering Manager

WW/gh

cc: D. Fowler  
Barefoot Sanitary Service

AR100024

DATE PREPARED

Oct. 30, 1970

ORIGINAL

(Red)

For Department of Health Use Only

SOLID WASTE DISPOSAL AND/OR PROCESSING  
SITE APPLICATION MODULE  
PHASE II

## PART I - SOLID WASTE CHARACTERISTICS

SOURCE, TYPE, AND VOLUME OF WASTES (CHECK THE SOURCE AREA, GIVE A BRIEF DESCRIPTION OF THE TYPE OF PRESENT WASTE AND 10-YEAR PROJECTED VOLUME - IF THE PROPOSED LIFE OF THE LANDFILL IS LESS THAN 10 YEARS, WHAT IS THE PROJECTED VOLUME OF WASTE IN THE FINAL YEAR OF LANDFILL OPERATION? SUBMIT CHEMICAL ANALYSES OF HAZARDOUS WASTES WHICH ARE PROPOSED TO BE ACCEPTED OR ARE BEING ACCEPTED BY THE LANDFILL.)

A. SOURCE	TYPE (Description)	PRESENT VOL. - TONS	PROJECTED VOL. (10 YRS) - TONS
1. RESIDENTIAL	<u>Organic,</u>	<u>12.04 tons/day</u>	<u>15.00 tons/day</u>
	<u>Inorganic</u>	<u>32.50 tons/day</u>	<u>35.00 tons/day</u>
2. COMMERCIAL	<u>Mixed</u>	<u>4.30 tons/day</u>	<u>6.00 tons/day</u>
3. INDUSTRIAL	<u>Solvent (alcohol)</u>	<u>.26 tons/day</u>	<u>.30 tons/day</u>
4. AGRICULTURAL	<u>None</u>	<u>None</u>	<u>None</u>
5. OTHER (EXPLAIN)	<u>Demolition</u>	<u>106.00 tons/day</u>	<u>30.00 tons/day</u>
	<u>Sludge</u>	<u>16.00 tons/day</u>	<u>20.00 t/d</u>
ADDITIONAL COMMENTS ON SOURCE, TYPE, AND VOLUME OF WASTE			

See Supplement A

## B. DAILY WASTE QUANTITIES (INDICATE AMOUNT OF WASTE THE LANDFILL WILL ACCEPT EACH DAY, STATED IN VOLUME OR WEIGHT.)

	VOLUME	WEIGHT
1. ESTIMATED PER CAPITA DAILY WASTE QUANTITIES	<u>.25 c.f.</u>	<u>5.8 lbs.</u>
2. MAXIMUM DAILY VOLUME OR WEIGHT	<u>982 c.y.</u>	<u>605,580 lbs.</u>
3. MINIMUM DAILY VOLUME OR WEIGHT	<u>334 c.y.</u>	<u>205,968 lbs.</u>
4. AVERAGE DAILY VOLUME OR WEIGHT	<u>578 c.y.</u>	<u>356,435 lbs.</u>
5. RATIO (MAX. OVER MIN.)	<u>1.7</u>	

## PART II - LANDFILL DESIGN AND OPERATION

## A. DETAILED PLANS AND MAPS OF LANDFILL

SUBMIT ONE COPY OF EACH SET OF PLANS AND MAPS WITH EACH MODULE. THE FRONT COVER OR FLYLEAF OF EACH SET OF DRAWINGS AND SPECIFICATIONS MUST BEAR THE SIGNATURE AND SEAL OF THE REGISTERED PROFESSIONAL ENGINEER. EACH DRAWING MUST BEAR AN IMPRINT OR REASONABLE FACSIMILE OF SUCH SEAL.

## 1. PROPERTY LINE MAP

A. ONE MAP SHOULD INDICATE PROPERTY LINES OF SITE, USE OF ADJACENT PROPERTIES, AND SHOULD SHOW ALL RIGHT-OF-WAYS (FUEL AND POWER LINES, ROADS, ETC.)

Taken from Solid Waste Disposal Site Application for a Sanitary Landfill  
by L. Robert Kimball Consulting Engineers, Ebensburg, PA. 100025  
October 30, 1970.

*file*  
ORIGINAL  
(Red)

December 2, 1971

Crane Company  
Duncansville, PA Blair County

Wilbur Taxis  
Solid Waste Coordinator

Gary Galida  
Solid Waste Specialist

Present waste production consists of:

Approximately 2 cubic yards of housekeeping wastes per week which are removed by the Snowberger Sanitation Service to the Parshall Landfill in Blair County.

Approximately 400 gallons of industrial liquid waste which is stored in a strip tank and removed by the Barefoot Sanitation Service and disposed of at the Stotler Landfill in Blair County.

The settling ponds once in use at this site have been drained and a contract has presently been let to accomplish backfilling.

No permit is required under the provisions of the Solid Waste Management, Act No. 241.

GLG/kap

AR100026



ORIGINAL  
(Red)

*Small Tube Products, Inc. and its affiliates*

# SMALL TUBE PRODUCTS, INC.

ALTOONA, PENNSYLVANIA 16603

AREA CODE 814  
895-4481

September 27, 1971

Department of Environmental Resources  
2506 Broad Avenue  
Altoona, PA 16603

ATTN: Mr. Gary Galida

Dear Mr. Galida:

The following is the information you requested during your recent visit to Small Tube Products, Inc.

There are basically two types of solid waste to be disposed of. (1) Ordinary mill wastes such as scrap cardboard, scrap lumber ends, a small amount of sawdust, floor sweepings, etc. These are stored in a bin outside the building and are picked up several times a week by a local hauler by the name of Willis Mock of 1206 - 15 Street, Juniata, Altoona, Pa. It is understood that he disposes of these wastes at the L. A. Stotler Landfill, Sandy Run Road, Altoona. (2) There are four settling ponds in the field south of the plant, these are used to collect the residue from our waste acid treatment plant. We are in possession of a permit from the Commonwealth of Pennsylvania Department of Health, Sanitary Water Board, Harrisburg, said permit is known as "Industrial Wastes Permit #1966," which permits us to operate these beds. They are inspected monthly by the State.

The sediment from these beds is collected approximately bi-monthly by Wilt's Septic Service, 108 River Street, Hollidaysburg, and is understood to be also disposed of at L. A. Stotler Landfill, Sandy Run Road, Altoona.

If any more information is required, do not hesitate to contact me.

Yours truly,

SMALL TUBE PRODUCTS, INC.

  
William D. Johnstone  
Plant Manager

AR100027

January 28, 1972

ORIGINAL  
(Red)

Sylvania, Inc.  
Blair County  
SMC Identification No. 300132

Wilbur I. Taxis  
Solid Waste Coordinator

Barry E. Neal  
Environmental Health Technician II

Report on inspection of subject facility follows:

1. Approximately 200 tons of lime glass per year plus associated metal scrap is collected by a local hauler and disposed in the Stotler Landfill. Also, 40 tons of lead glass per year is sent to the Sylvania Plant in York, Pennsylvania for salvage.
2. Housekeeping wastes of approximately 110 tons per year is also disposed of in the Stotler Landfill by a local hauler.
3. Solvents, particularly Synesol (ethyl alcohol, aviation gasoline, ethyl acetate) at approximately 54 tons per year is also salvaged. Sludges containing barium, strontium, and calcium carbonates, as well as Al, O<sub>2</sub>, MgO of about 1.2 tons per year are also disposed of in the Stotler Landfill.
4. Approximately two tons of wire per year are salvaged by Eastern Smelting.

No permit under Act 241 should be required.

BEK/kap

AR100028

ORIGINAL  
(Red)

August 3, 1977

Barefoot's Sanitary Service  
Rd. #1  
Duncansville, Pa. 16635

Dear Mr. Barefoot:

The solution which will be hauled from the Proctor-  
Silex Plant consist of nickel hydroxide and chromic  
acid in water.

Thank you,

*Frank Ferrara*  
Frank Ferrara  
*Kim Burket*  
Kim Burket

FF/jm

AR100029



BERWIND RAILWAY SERVICE COMPANY

ORIGINAL  
(Red)

HOLLIDAYSBURG, PENNSYLVANIA 16648  
(AREA CODE) 814 695-5591  
TWX 510 69

August 11, 1977

Mr. George Barefoot  
R. D. #5  
Duncansville, PA 16635

Dear Sir:

The liquid waste which we contract with you to dispose of is composed of various hydrocarbon oils and aromatic oils along with some chlorinated or other halogenated compounds mixed with various biodegradable detergents.

Since we do not accept cars for cleaning which contain metallic ions such as lead, antimony, chromium, etc. which we know are especially toxic and non-degradable, none of this type of material ends up in the residues or solution which we ask you to haul away.

We have the opportunity to be selective in our work which also means that our waste products are selected.

The pickup we have requested for next week is composed of a dilute solution of Trichlorobenzene, Triton-114 (a biodegradable detergent) and water.

We trust you will be able to continue to serve us under these circumstances.

*W. E. Wright*  
W. E. Wright C.S.P.  
Safety Supervisor

WEW/dlj

AR100030



Electronic Components Group  
Electronic Tube Division  
3101 Pleasant Valley Boulevard  
Altoona, Penna. 16603  
814 943-1126

August 11, 1977

ORIGINAL  
(Red)

BAREFOOT SANITARY SERVICE  
R.D. #1  
Duncansville, Pa.

Dear Sirs:

The formulation for the proprietary alcohol synasol is as follows:

SD-1	100 volumes
Methyl Isobutyl Ketone	1 volume
Ethyl Acetate (88%)	1 volume
Aviation Gasoline	1 volume

SD-1 Alcohol is made by blending 5 volumes of wood alcohol into 100 volumes of ethyl alcohol.

In addition, the synasol you pick up has 40% to 50% water added.

Yours truly,

RECEIVING TUBE OPERATIONS

L. E. Wertz  
Industrial Engineer

AR100031

ORIGINAL  
(Red)

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Lawistown, Pennsylvania 17044

August 11, 1973

Mr. George Barefoot  
Barefoot Sanitary Service  
R. D. #1  
Duncansville, Pennsylvania 16835

Re: Disposal of Sewage Septic Tank  
and Holding Tank Waste

Dear Mr. Barefoot:

This letter is in regard to our telephone conversation concerning your disposal problem. The disposal of liquid waste at the Knouse Landfill, now Stotler's Landfill, has never been approved. The site was not designed for any type of liquid waste. The reason you were given an extension was to help you until you resolved the problem. There are several different methods of disposal which are open to you. I will list them in the following manner:

1. Disposal at a Sewage Plant - This would be the best of all the methods, however, you relayed to me that they refuse to accept it. I also suggested that you contact Tyrone Sewage Plant. If you like, have them call me and I will discuss it with them.
2. Disposal at a Landfill - This method is out, due to the fact that there is no site in our Region that has the capability of accepting liquid waste.
3. Disposal of Waste on Agricultural Lands - If you wish to explore this method, I have enclosed a set of guidelines for this along with forms for the application.

If you wish to discuss this further, feel free to do so. Thank you for your attention.

Yours,

Francis J. Bertovich  
Solid Waste Specialist

FJB:fv  
Enclosures

cc: Wilbur Taxis  
cc: Barry Neal

AR100032

ORIGINAL  
(Red)

August 30, 1977

Department of Environmental Resources  
Cricket Field Plaza  
Altoona, Pa. 16602

Attention: Mr. Barry Neil

Dear Sir:

We have been informed by Barefoot's Sanitary Service, who haul away our tramp oil and sludge, that your Department has contacted them about the landfill situation and that an analysis of what they take from our Plant is required.

I have talked to Mr. Menza of Blair Chemical Laboratories about making an analysis of this material and they want to know specifically what to look for. I believe Mr. Menza has been in touch with you concerning this.

Barefoot takes out about 1000 gal. of tramp oil per day and about 3 ton of sludge per day.

The sludge is mainly made up of minute particles of our grinding wheels and of our bearing steel. The grinding wheels are made of aluminum oxide, clay and sulfur. The bearing steel contains small percentages of copper, manganese, silicon, chrome, nickel, molybdenum, phosphorous, and sulfur.

The tramp oil is about 30% water and the rest is made up of three different oils - Sultex 310, Rando "C", and Cutwell "50".

Sultex 310 is a Texaco product and contains sulfur, chlorine and fatty oil.

Rando "C" is also a Texaco product and contains some sulfur and ash.

Cutwell "50" is manufactured by Exxon and contains small percentages of oleic acid, naphthalene acid, and isopropyl alcohol.

AR100033

Mr. Barry Neil

- 2 -


August 30, 1977

ORIGINAL  
(Red)

I hope the above information will be helpful and will enable the Blair Chemical Laboratories in the analysis of our sludge and tramp oil.

Sincerely,

BLAIR INDUSTRIES, INC.



Paul E. Mitchell

PEM/gh

cc: Barefoot's Sanitary Service  
Blair Chemical Laboratories  
File

AR100034

ORIGINAL  
(Red)

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Lewistown, Pennsylvania 17044

September 7, 1977

CERTIFIED MAIL NO. 162589

Barefoot Sanitary Service  
R. D. #1  
Duncansville, Pennsylvania

1-814-695-9871

Re: Industrial Waste Disposal

Dear Mr. Barefoot:

I received your reports on September 6, 1977, of these a letter to Mr. Neal from S.K.F. Industries was included. Other items in the report was a letter to you from Sylvania and also a letter from Proctor-Silex. A copy of these letters have been given to our field geologist for his evaluation and suggestions as to means of disposal at present. A preliminary review of the letters indicate several things, they are as follows:

1. Further chemical analysis will be required. You will be notified as soon as the geologist makes his decision.
2. Said waste is not permitted to be disposed of in a natural renovation landfill. The Kruise landfill which is under lease to Mr. Stottler is one of this type.

At this time you are hereby notified that you should be looking for new types or places of disposal of this waste. I have enclosed a copy of facilities accepting hazardous waste. Also, the disposal of your septic waste should be considered. I would suggest that you contact me at my office at your earliest convenience. Thank you for your attention.

Yours,

Francis J. Bertovich  
Solid Waste Specialist

FJB:fw  
Enclosures

cc: Barry Neal, Altoona  
cc: Wilbur Taxis, Williamsport  
cc: Robert Young  
cc: ✓ File

AR100035

September 21, 1977

ORIGINAL  
(Red)

Hazardous Waste Disposal - Land  
Barefoot Sanitary Service  
Duncansville, Blair County

Barry E. Neal  
Solid Waste Specialist  
Altoona Office

Through: Charles E. Gurneo  
Chief, Operations Section  
Williamsport Regional Office

Robert O. Young  
Regional Geologist  
Lewistown District Office

The wastes described in the attachments to this memorandum and presently disposed of by Barefoot Sanitary Service, apparently at the Stotler Landfill, are not suitable for disposal at any permitted municipal type landfill in the lower eight counties of this Region.

The landfills presently under permit in this Region are either the natural renovation type or the collection and treatment type. The natural renovation type landfill is not designed to renovate industrial type waste liquids and sludges. Though some of these wastes may be chemically organic, non-persistent and easily degraded, their usually volatile and toxic nature and their unknown reactions with other materials could create extremely hazardous and polluting conditions within and around the landfill site. The collection and treatment type landfill is also unsuitable for disposal of these types of wastes for the same above reasons and because the treatment systems are not designed to handle these materials.

The only alternative which these companies (SKF Industries, Proctor-Silex, GTE Sylvania) have at present is to haul their waste to a facility specifically designed to handle these types wastes. Though there are none within this portion of the Region, there are several within and many outside the State, and I recommend these companies contact one of these facilities and make arrangements for disposal of their wastes.

ROY:fw

cc: Division of Solid Wastes, Harrisburg  
cc: Ground Water Section, Harrisburg  
cc: Wilbur Taxis, Williamsport  
cc: William Hanczar, Williamsport  
cc: Dale Voykin, Williamsport  
cc: Frank Bertovich, Lewistown

AR100036

ORIGINAL  
(Red)

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Levittown, Pennsylvania 17044

September 26, 1977

CERTIFIED MAIL

Barefoot Sanitary Service  
R. D. #1  
Luncasville, Pennsylvania 16835

Re: Industrial Waste Disposal

Dear Mr. Barefoot:

This letter is a follow-up letter to one dated September 7, 1977. The letter indicated that when our staff had made its final decision, it would be relayed to you. The following is the final decision.

1. The waste that you pick up from these industries is not acceptable to be disposed of in a natural renovation landfill. (The Stotler landfill is of this type).
2. There is no place in the region that can accept this type of waste.
3. Either you or the industry should contact someone on the list that was sent to you. The list does contain companies that do handle hazardous waste.

At this time you are hereby notified that you are given thirty (30) calendar days to cease dumping at the Stotler landfill. Your cut-off day will be October 25, 1977. If you have any questions concerning this, please feel free to contact me at my office. Thank you.

Yours,

Francis J. Bertovich  
Solid Waste Specialist

FJA:fw

cc: Sylvania G.T.E.  
cc: S.K.F. Industries, Inc.  
cc: Procter-Sillex  
cc: Mr. Glen Stotler  
  
cc: Solid Waste Section, Harrisburg  
cc: Wilbur Taxis, Williamsport  
cc: Barry Neal, Altoona  
cc: File

AR100037

October 6, 1977

Hazardous Waste

RECEIVED

OCT 7 1977

Dwight D. Worley, Chief  
Permits Unit  
Operations & Compliance Section

ORIGINAL  
(Red)

ENVIRONMENTAL RESOURCES  
LEWISTOWN REGIONAL OFFICE

Wilbur I. Taxis  
Regional Solid Waste Director  
Williamsport Regional Office

Attached is analysis of sludge from Proctor-Silex.

Do we have any disposal facilities to accept this material?

The present hauler has been notified that his disposal site is no longer acceptable.

attachment

cc: Frank Bertovich ✓  
file

AR100038

RECEIVED

OCT 7 1977

ORIGINAL  
(Red)ENVIRONMENTAL RESOURCES  
LEWISTOWN REGIONAL OFFICE

Nickel Hydroxide Slurry  
7,000 - 8,000 gallons/month

The chemical results of the sludge samples, taken from the Sam Procter Silx plant and mixed in an equal proportionate volume to serve as a composite sample, are as follows in milligrams per liter. Samples were received on August 13, 1977.

pH	12.8
Alkalinity (P)	10,750.0 mg/l.
Alkalinity (MO)	17,600.0 mg/l.
Chlorides	310.0 mg/l.
Sulfates	4,955.0 mg/l.
T.S.S.	19,100.0 mg/l.
T.D.S.	44,260.0 mg/l.
T.S.	63,360.0 mg/l.
% Liquid Fraction	72.0 %
Nickel	6,170.0 mg/l.
Chromium	5,040.0 mg/l.
Copper	39.0 mg/l.
Iron	1,840.0 mg/l.
Manganese	28.0 mg/l.
Lead	5.8 mg/l.
Cyanide	0.12 mg/l.
Fluoride	24.0 mg/l.
C.O.D.	3,860.0 mg/l.
Specific Conductance	54,000.0 umhos

\*\* All metals determined by Atomic Absorption Method.

DJM/clk

  
David J. Menza, Consulting Chemist

AR100039

ORIGINAL  
(Red)

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Lawistown, Pennsylvania 17044

October 28, 1977

Mr. Glen Stotler  
c/o The L. A. Stotler Landfill  
505 Seventh Avenue  
Juniata, Altoona, Pennsylvania 16601

Re: Barefoot Sanitation

Dear Mr. Stotler:

I am hereby notifying you that I have extended the dumping of Barefoot Sanitation Company in your landfill for another thirty (30) days. However, there has been a change in the procedure and location of the dumping area. They are no longer to dump on the area with the collection tank and it cannot be mixed directly with the other waste.

The procedure that must be followed is, in an area that has been applied, they are to spread their liquid waste out as evenly as possible and allow to dry. Further instructions will follow.

If you have any questions, please feel free to contact me at my office. Thank you.

Very truly yours,

Francis J. Bartovich  
Solid Waste Specialist

FJB:fw

AR100040

ORIGINAL  
(Red)

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Lewistown, Pennsylvania 17044

November 3, 1977

Mr. Richard Barefoot  
Barefoot Sanitary Service  
R. D. #1  
Duncansville, Pennsylvania 16835

Re: Waste Disposal at Stotler Landfill

Dear Mr. Barefoot:

I wish to thank you for attending the meeting held here in Lewistown on October 27, 1977. During this meeting I am sure that you became aware of severe problems that have come about in disposing of certain types of waste. You have requested from the Department an extension for dumping at the Stotler Landfill. Your request was approved and I have notified Mr. Stotler to this fact.

At this time I will discuss what steps should be taken now to avoid any future problems.

1. All waste picked up at each industry is not to be mixed with other waste on the trucks.
2. Berwind Railway and Sylvania will not be permitted to have their waste disposed of in the Stotler Landfill after November 25, 1977. They have been notified of this by letter.
3. I recommend that you inform the Department on what action you plan to follow and how soon you will do it.
4. I have also contacted S.K.F. and Proctor Silex of what will be required.

If you wish any further comment to this, please feel free to contact me. Thank you.

Yours,

Francis J. Bertovich  
Solid Waste Specialist

FJB:fw

cc: Wilbur Taxis  
cc: Barry Neal

cc: Dwight Worley  
cc: File

AR100041

ORIGINAL  
(Red)

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Lewistown, Pennsylvania 17044

November 3, 1977

Mr. L. E. Wertz, Industrial Engineer  
C.T.E. Sylvania  
3101 Pleasant Valley Blvd.  
Altoona, Pennsylvania 16603

Re: Waste Disposal

Dear Mr. Wertz:

I wish to thank you for attending the meeting held here in Lewistown on October 27, 1977. The subject discussed at the meeting as you know was waste disposal. During the meeting you became aware of the problem your waste has in being properly disposed. Mr. Barefoot requested from us a 30-day extension for the disposal of this waste in the Stotler Landfill. The request was approved. However, due to the extreme problem that arises from the disposal of your waste, this extension will not be extended past November 25, 1977.

At this time I would suggest that you notify the Department before the cutoff date on what you plan to do with your waste. If you wish any further clarification on this matter, please feel free to contact me at my office. Thank you for your attention.

Yours,

Francis J. Bertovich  
Solid Waste Specialist

FJD:fw

cc: Barry Neal  
cc: Wilbur Taxis  
cc: Dwight Worley  
cc: ✓ File

AR100042

ORIGINAL  
(Red)

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Lewistown, Pennsylvania 17044

November 3, 1977

Mr. Paul E. Mitchell  
S.K.F. Industries, Incorporated  
1000 Logan Boulevard  
Altoona, Pennsylvania 16603

Re: Waste Disposal

Dear Mr. Mitchell:

I wish to thank you for attending the meeting held here in Lewistown on October 27, 1977. The subject of the meeting was waste disposal. During the meeting you became aware of the problem your waste has in being properly disposed of. Mr. Barefoot had asked for and has received a thirty (30) day extension for disposal of the waste at the Stotler Landfill. This thirty (30) day extension will end on November 25, 1977. The possibility of any further extension will be contingent on whether or not any other types or methods of disposal have been investigated or considered.

I recommend that prior to the end of the extension that you contact the Department on your progress in this area. If you wish any further clarification on this matter please feel free to contact me at my office. Thank you for your attention.

Yours,

Francis J. Bertovich  
Solid Waste Specialist

FJB:fu

cc: Wilbur Taxis  
cc: Dwight Worley  
cc: Barry Neal  
cc: File

AR100043

ORIGINAL  
(Red)

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Lewisport, Pennsylvania 17044

November 3, 1977

Mr. Edna Burket  
S.C.M. Proctor-Silex  
P. O. Box 352  
Altoona, Pennsylvania 16603

Re: Waste Disposal

Dear Mr. Burket:

I wish to thank you for attending the meeting held here in Lewisport on October 27, 1977. The subject of the meeting was waste disposal. During the meeting you became aware of the problem your waste has in being properly disposed of. Mr. Barefoot had asked for and has received a thirty (30) day extension for disposal of the waste at the Stotler Landfill. This thirty (30) day extension will end on November 25, 1977. The possibility of any further extension will be contingent on whether or not any other types or methods of disposal have been investigated or considered.

I recommend that prior to the end of the extension that you contact the Department on your progress in this area. If you wish any further clarification on this matter please feel free to contact me at my office. Thank you for your attention.

Yours,

Francis J. Bartovich  
Solid Waste Specialist

FJB:fw

cc: Wilbur Taxis  
cc: Dwight Worley  
cc: Barry Neal  
cc: /File

AR100044

ORIGINAL  
(Red)

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Lewistown, Pennsylvania 17044

November 3, 1977

Mr. James Shubert, Assistant Superintendent  
Berwind Railway Service Company  
Box 349  
Hollidaysburg, Pennsylvania 16648

Re: Waste Disposal

Dear Mr. Shubert:

I wish to thank you for attending the meeting held here in Lewis-  
town on October 27, 1977. The subject discussed at the meeting as you know  
was waste disposal. During the meeting you became aware of the problem  
your waste has in being properly disposed. Mr. Barefoot requested from us  
a 30-day extension for the disposal of this waste in the Stotler Landfill.  
The request was approved, however, due to the extreme problem that arises  
from the disposal of your waste, this extension will not be extended past  
November 25, 1977.

At this time I would suggest that you notify the Department before  
the cutoff date on what you plan to do with your waste. If you wish any  
further clarification on this matter, please feel free to contact me at my  
office. Thank you for your attention.

Yours,

Francis J. Bertovich  
Solid Waste Specialist

FJB:fw

cc: Wilbur Taxis  
cc: Dwight Workley  
cc: Barry Neal  
cc: /File

AR100045

COMMONWEALTH OF PENNSYLVANIA

ORIGINAL  
(Red)



DEPARTMENT OF ENVIRONMENTAL RESOURCES

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Lewistown, Pennsylvania 17044

November 14, 1977

Mr. Richard Barefoot  
Barefoot Sanitary Service  
R. D. #1  
Duncansville, Pennsylvania 16635

Dear Mr. Barefoot:

During the meeting on October 27, 1977 held in Lewistown, you requested that you be kept up-to-date on actions with disposal of waste at Stotler's Landfill and on other related things. The Department has decided that each case is to be handled separately. The companies have been notified and have been given suggestions on disposal.

I also wish to notify you again that Berwind Railways and Sylvania will not be permitted to be disposed of in Stotler's Landfill after November 25, 1977. The other two industries will be dealt with on an individual basis.

If you have any further questions or comments, please feel free to call. Thank you for your attention.

Very truly yours,

Francis J. Bertovich  
Solid Waste Specialist

FJB:fw

cc: Wilbur Taxis  
cc: Barry Neal  
cc: Dwight Worley  
cc: File

AR100046

ORIGINAL  
(Red)

Bureau of Land Protection  
Division of Solid Waste Management  
21 South Brown Street  
Lewistown, Pennsylvania 17044

November 15, 1977

Mr. James Shubert, Assistant Superintendent  
Derwind Railway Service Company  
Box 349  
Hollidaysburg, Pennsylvania 16648

Re: Waste Disposal

Dear Mr. Shubert:

During the meeting on October 27, 1977, you indicated to us that your company has more than just one type of waste to be disposed of. Your main bulk of waste would be of the organic solvent type, the rest would be of unknown type. Two things should be done in starting your waste disposal solution. First you should take inventory of your cleaning and make a list for the past year. This will help you obtain an indication of the types of waste you are dealing with. Then you should contact companies that can handle them, a partial list is enclosed. You may also consider an on-site incinerator.

If you have any questions concerning this letter, please feel free to contact me at my office. Thank you for your attention.

Yours,

Francis J. Bertovich  
Solid Waste Specialist

FJB:fw  
Enclosure

cc: ✓ File

AR100047